

Date: Wednesday, 10/31/2007 3:26:03 PM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: MOUNTING LUG
Job Number	: 35470		
Estimate Number	: 10256		
P.O. Number	: <i>N/A</i>	Part Number	: D22303
This Issue	: 10/31/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D2230 REV F
Prsht Rev.	: <i>NC</i>	Project Number	: <i>N/A</i>
First Issue	: <i>NA</i> Type : MACHINED PARTS	Drawing Revision	: <i>F</i>
Previous Run	: 35013	Material	: <i>N/A</i>
Written By	: <i>[Signature]</i>	Due Date	: 11/15/2007
Checked & Approved By	: <i>[Signature]</i>	Qty:	<i>294</i> Um: Each
Comment	: Est D 00.05.18 Added inspection level 8, and removed P/O for powder coat EC		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	D2423	Lug Extrusion
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Comment: Qty.: 0.0717 f(s)/Unit Total : 21.5145 f(s)  
 Lug Extrusion  
 D2423  
 Batch: *B33310*

2.0	BAND SAW	BAND SAW
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Comment: Band Saw  
 Cut D2423 extrusion to 0.82"  
 Batch: *[Blank]*

3.0	<del>HAAS</del>	HAAS CNC VERTICAL MACHINING #1
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*76**Issue R.D. 4954*

*C20714101*  
*(300) 294*

Comment: ~~HAAS CNC VERTICAL MACHINING #1~~  
 Machine per folio D2230-3 *drawg D2230 Rev F Metec*  
 Check for crack while loading into the machine.

4.0	<del>QC2</del>	INSPECT PARTS AS THEY COME OFF MACHINE
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*RG**Receive + Inspect for transit damage*

Comment: INSPECT PARTS AS THEY COME OFF MACHINE

5.0	<i>QC5</i>	SECOND CHECK
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Comment: ~~SECOND CHECK~~ *Inspect level 5*

*C20714101*  
*(300) 294*  
*count*  
*(294)*

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA: D Date: 11/16  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: MOUNTING LUG

Job Number: 35470

Part Number: D22303

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1



Comment: ~~SMALL & MEDIUM FAB RESOURCE 1~~

~~Tumble and deburr rough edges after tumbling~~

*u/a*

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

*HS*

*07-11-21*

*294x*

8.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

*5*

*7/11/21*

*coater*

*x294*

9.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat Gloss White (ref. 4.3.5.1) per Dart QSI 005 4.3

*M105914*

*M-1/BR 07/11/23*

*294x*

10.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COATINSPECT POWDER COAT

*HS*

*07-11-23*

*x294*

11.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *ST 476*

*HS*

*07/11/26*

*294*

12.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

*294*

*07/11/26*

Job Completion



*u 07-11-26*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

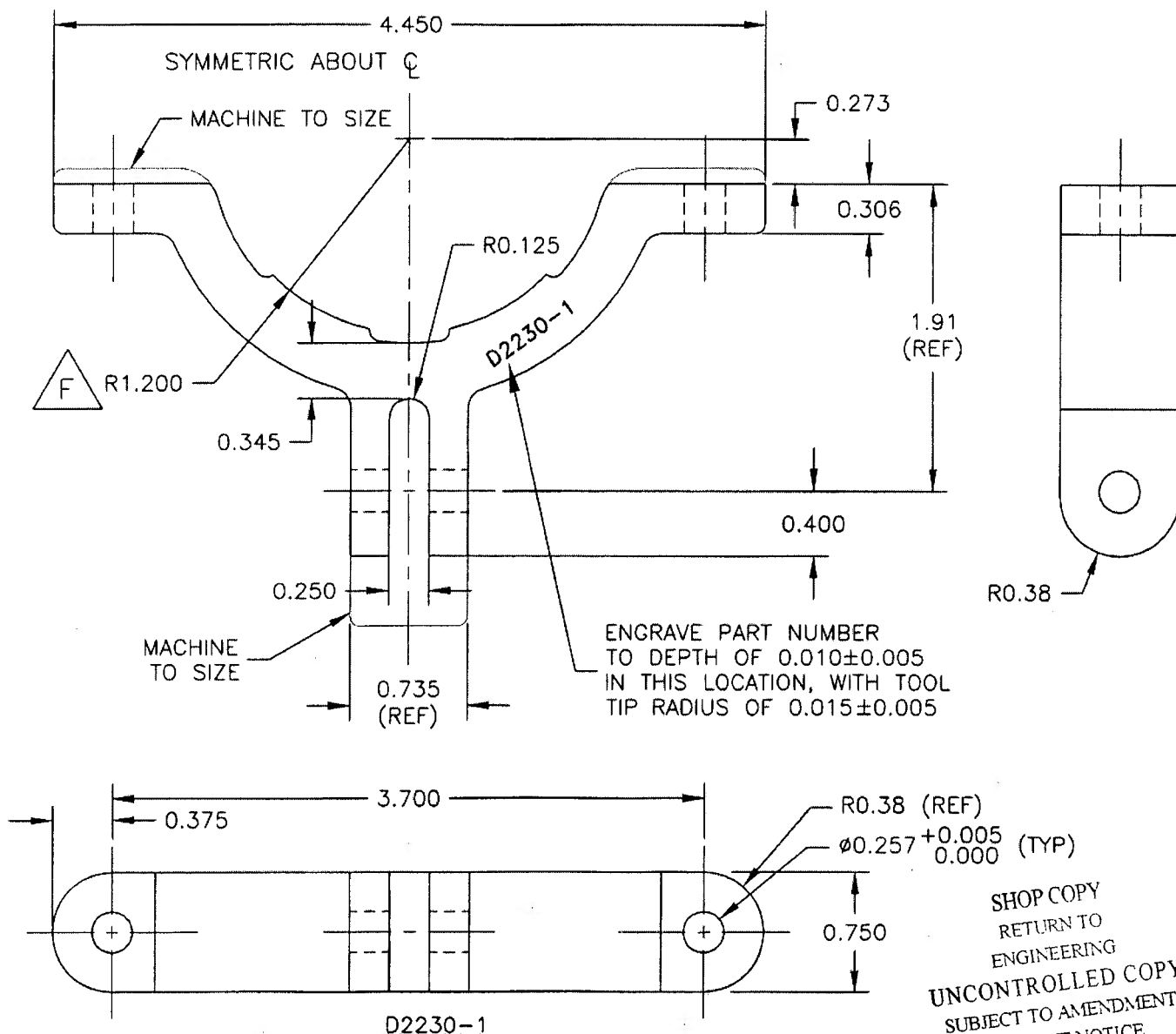
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. D2230	REV. F SHEET 1 OF 2
DATE 99.12.13		TITLE MOUNTING LUG	SCALE 1:1
C	94.03.30	RE-DESIGN	
D	95.01.04	RE-DESIGN	
E	95.01.04	RE-DESIGN	
F	99.12.13	REDESIGN; R1.200 WAS R1.100	

RELEASED  
99-12-21 DS



MAKE FROM EXTRUSION D2423  
BREAK ALL EDGES 0.000-0.015  
FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

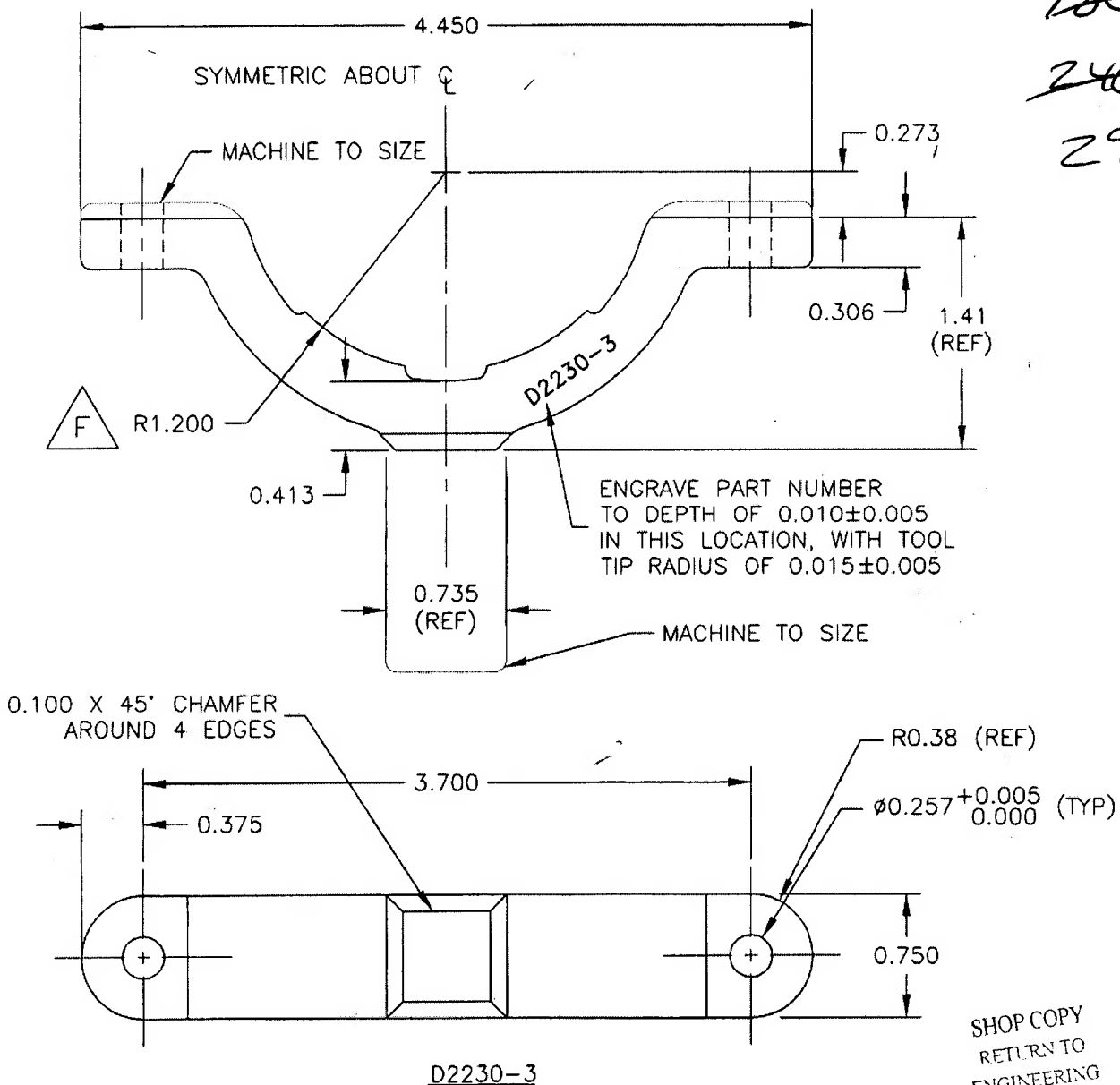
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 35470



DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2230	REV. F SHEET 2 OF 2
DATE 99.12.13		TITLE MOUNTING LUG	SCALE 1:1

RELEASED  
99.12.21 DS

~~60~~  
~~120~~  
~~180~~  
~~240~~  
294



MAKE FROM EXTRUSION D2423  
BREAK ALL EDGES 0.000-0.015  
FINISH: ACID ETCH AND ALODINE PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 35470

**CERTIFICATE OF CONFORMITY****SOLD TO:**

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, Ont.  
K6A 1K7

**SHIPPED TO:**

same

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>P.O. NUMBER</u>
294	D2230-3	Lug B35470	4954

MATERIAL: supplied by DART D2423 B33310

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

  
Shigi Walz

Vankleek Hill, November 19, 2007